

SEQUENCE LISTING



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<120> TFG BETA 1 INHIBITOR PEPTIDES

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<223> Derived from human TGB beta 1 position 319-333

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His Ala Asn Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu

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<223> Derived from human TGB beta 1 position 322-335

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Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr
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<220>
<223> Derived from rat TGB beta 1 type III receptor position 731-742

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Thr Ser Leu Asp Ala Thr Met Ile Trp Thr Met Met
1 5 10

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<220>
<223> Derived from human TGB beta 1 position 245-259

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Ser Asn Pro Tyr Ser Ala Phe Gln Val Asp Ile Ile Val Asp Ile
1 5 10 15

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<211> 9
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<220>
<223> Synthetic peptide from human TGB beta 1 type III receptor, position 729-742

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Thr Ser Leu Asp Ala Ser Ile Ile Trp Ala Met Met Gln Asn
1 5 10

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<213> Artificial sequence

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<223> Synthetic peptide from human TGB beta 1 type III receptor, position 241-254

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Ser Asn Pro Tyr Ser Ala Phe Gln Val Asp Ile Thr Ile Asp
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<223> Synthetic peptide from pig endoglin, position 247-261

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Glu Ala Val Leu Ile Leu Gln Gly Pro Pro Tyr Val Ser Trp Leu
1 5 10 15

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<220>

<223> Synthetic peptide from pig endoglin, position 445-459

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Leu Asp Ser Leu Ser Phe Gln Leu Gly Leu Tyr Leu Ser Pro His
1 5 10 15

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<213> Artificial sequence

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<223> Synthetic peptide from human TGB beta 1, position 313-335

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1 5 10 15

Tyr Ile Trp Ser Leu Asp Thr
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<212> PRT

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<223> Synthetic peptide from human TGB beta 1, position 2810-293

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Ala Leu Asp Thr Asn Tyr Cys Phe Ser Ser Thr Glu Lys Asn
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<211> 13

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<223> Synthetic peptide from human TGB beta 1, position 284-297

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Asn Tyr Cys Ser Ser Thr Glu Lys Asn Cys Cys Val Arg
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<211> 14

<212> PRT

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<223> Synthetic peptide from human TGB beta 1, position 288-301

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<212> PRT

<213> Artificial sequence

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<223> Synthetic peptide from human TGB beta 1, position 294-307

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Cys Cys Val Arg Gln Leu Tyr Ile Asp Phe Arg Lys Asp Leu
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<223> Synthetic peptide from human TGB beta 1, position 298-311

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Gln Leu Tyr Ile Asp Phe Arg Lys Asp Leu Gly Trp Lys Trp
1 5 10

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<223> Synthetic peptide from human TGB beta 1, position 302-315

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Asp Phe Arg Lys Asp Leu Gly Trp Lys Trp Ile His Glu Pro
1 5 10

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Asp Leu Gly Trp Lys Trp Ile His Glu Pro Lys Gly Tyr His
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<223> Synthetic peptide from human TGB beta 1, position 308-321

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Gly Trp Lys Trp Ile His Glu Pro Lys Gly Tyr His Ala Asn
1 5 10

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<223> Synthetic peptide from human TGB beta 1, position 312-325

<400> 19

Ile His Glu Pro Lys Gly Tyr His Ala Asn Phe Cys Leu Gly
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<210> 20

<211> 14

<212> PRT

<213> Artificial sequence

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<223> Synthetic peptide from human TGB beta 1, position 316-329

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Lys Gly Tyr His Ala Asn Phe Cys Leu Gly Pro Cys Pro Tyr
1 5 10

<210> 21

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<212> PRT

<213> Artificial sequence

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<223> Synthetic peptide from human TGB beta 1, position 326-339

<400> 21

Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr Gln Tyr Ser Lys
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<210> 22

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<212> PRT

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<223> Synthetic peptide from human TGB beta 1, position 330-343

<400> 22

Ile Trp Ser Leu Asp Thr Gln Tyr Ser Lys Val Leu Ala Leu
1 5 10

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<220>
<223> Synthetic peptide from human TGB beta 1, position 335-349

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Thr Gln Tyr Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro
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<223> Synthetic peptide from human TGB beta 1, position 336-349

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Gln Tyr Ser Lys Val Leu Ala Leu Tyr Asn Gln His Asn Pro
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<223> Synthetic peptide from human TGB beta 1, position 340-353

<400> 25

Val Leu Ala Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala
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<223> Synthetic peptide from human TGB beta 1, position 343-358

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Leu Tyr Asn Gln His Asn Pro Gly Ala Ser Ala Ala Pro Cys Cys
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<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human TGB beta 1, position 348-360

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Tyr Asn Gln His Asn Pro Gly Ala Ser Ala Ala Pro Cys Cys
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<210> 28

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human TGB beta 1, position 344-358

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Asn Pro Gly Ala Ser Ala Ala Pro Cys Cys Val Pro Gln
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<210> 29

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human TGB beta 1, position 348-360

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Gly Ala Ser Ala Ala Pro Cys Cys Val Pro Gln Ala Leu Glu

1 5 10

<210> 30

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human TGB beta 1, position 354-367

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Ala Pro Cys Cys Val Pro Gln Ala Leu Glu Pro Leu Pro Ile

1 5 10

<210> 31

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human TGB beta 1, position 358-371

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Val Pro Gln Ala Leu Glu Pro Leu Pro Ile Val Tyr Tyr Val

1 5 10

<210> 32

<211> 14

<212> PRT

<213> Artificial sequence

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<223> Synthetic peptide from human TGB beta 1, position 364-377

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Pro Leu Pro Ile Val Tyr Tyr Val Gly Arg Lys Pro Lys Val

1 5 10

<210> 33

<211> 14

<212> PRT

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<223> Synthetic peptide from human TGB beta 1, position 368-381

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Val Tyr Tyr Val Gly Arg Lys Pro Lys Val Glu Gln Leu Ser
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<210> 34

<211> 14

<212> PRT

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<223> Synthetic peptide from human TGB beta 1, position 372-385

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Gly Arg Lys Pro Lys Val Glu Gln Leu Ser Asn Met Ile Val
1 5 10

<210> 35

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human TGB beta 1, position 378-391

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Glu Gln Leu Ser Asn Met Ile Val Arg Ser Cys Lys Cys Ser
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<213> Artificial sequence

<220>

<223> Synthetic peptide from human TGB beta 1, position 322-344

<400> 36

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1 5 10 15

Val Leu Ala Leu Tyr
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<223> Synthetic peptide from human TGB beta 1, position 322-335

<400> 37

Phe Ser Leu Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr
1 5 10

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<223> Synthetic peptide from human TGB beta 1, position 322-335

<400> 38

Phe Cys Leu Gly Pro Ser Pro Tyr Ile Trp Ser Leu Asp Thr
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<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human TGB beta 1, position 322-335

<400> 39

Phe Ser Leu Gly Pro Ser Pro Tyr Ile Trp Ser Leu Asp Thr
1 5 10

<210> 40
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<220>
<223> Synthetic peptide from human TGB beta 1, position 322-335

<400> 40

Phe Cys Leu Gly Pro Cys Pro Tyr Ile Trp Ser Asp Asp Asp
1 5 10

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<212> PRT
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<220>
<223> Synthetic peptide modified from human TGB beta 1, position 322-33
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Asp Asp Asp Gly Pro Cys Pro Tyr Ile Trp Ser Leu Asp Thr
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Asp Asp Asp Gly Pro Cys Pro Tyr Ile Trp Ser Asp Asp Asp
1 5 10

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<223> Synthetic peptide modified from human TGB beta 1, position 325-33
2

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Gly Pro Cys Pro Tyr Ile Trp Ser Asp Asp Asp
1 5 10

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<220>

<223> Synthetic peptide modified from human TGB beta 1, position 325-33
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<400> 44

Asp Asp Asp Gly Pro Cys Pro Tyr Ile Trp Ser
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<223> Synthetic peptide modified from human TGB beta 1, position 325-33
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<400> 45

Asp Gly Pro Cys Pro Tyr Ile Trp Ser Asp
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<210> 46

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
91-102

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Asn Pro Ile Ala Ser Val His Thr His His Lys Pro
1 5 10

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
104-115

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Val Phe Leu Leu Asn Ser Pro Gln Pro Leu Val Trp
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109-120

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Ser Pro Gln Pro Leu Val Trp His Leu Lys Thr Glu
1 5 10

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110-121

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Pro Gln Pro Leu Val Trp His Leu Lys Thr Glu Arg
1 5 10

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
333-344

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Trp Ala Leu Asp Asn Gly Tyr Arg Pro Val Thr Ser
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428-349

<400> 51

Pro Ile Val Pro Ser Val Gln Leu Leu Pro Asp His
1 5 10

<210> 52

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
555-566

<400> 52

Gly Asp Glu Gly Glu Thr Ala Pro Leu Ser Arg Ala

1 5 10

<210> 53

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
563-574

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Leu Ser Arg Ala Gly Val Val Val Phe Asn Cys Ser

1 5 10

<210> 54

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
603-614

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Leu Phe Leu Val Pro Ser Pro Gly Val Phe Ser Val

1 5 10

<210> 55

<211> 12

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
605-616

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Leu Val Pro Ser Pro Gly Val Phe Ser Val Ala Glu

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
707-718

<400> 56

Glu Leu Thr Leu Cys Ser Arg Lys Lys Gly Ser Leu
1 5 10

<210> 57
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712-723

<400> 57

Ser Arg Lys Lys Gly Ser Leu Lys Leu Pro Arg Cys
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<210> 58
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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
717-728

<400> 58

Ser Leu Lys Leu Pro Arg Cys Val Thr Pro Asp Asp
1 5 10

<210> 59
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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
722-733

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Arg Cys Val Thr Pro Asp Asp Ala Cys Thr Ser Leu
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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
727-738

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Asp Asp Ala Cys Thr Ser Leu Asp Ala Thr Met Ile
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<210> 61

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
732-743

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Ser Leu Asp Ala Thr Met Ile Trp Thr Met Met Gln
1 5 10

<210> 62

<211> 12

<212> PRT

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
737-748

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Met Ile Trp Thr Met Met Gln Asn Lys Lys Thr Phe
1 5 10

<210> 63

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
742-752

<400> 63

Met Gln Asn Lys Lys Thr Phe Thr Lys Pro Leu Ala
1 5 10

<210> 64

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
747-758

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Thr Phe Thr Lys Pro Leu Ala Val Val Leu Gln Val
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<210> 65

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
761-775

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Lys Glu Asn Val Pro Ser Thr Lys Asp Ser Ser Pro Ile Pro Pro
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<210> 66

<211> 15

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<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
766-780

<400> 66

Ser Thr Lys Asp Ser Ser Pro Ile Pro Pro Pro Pro Pro Gln Ile
1 5 10 15

<210> 67

<211> 15

<212> PRT

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
771-785

<400> 67

Ser Pro Ile Pro Pro Pro Pro Pro Gln Ile Phe His Gly Leu Asp
1 5 10 15

<210> 68

<211> 15

<212> PRT

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
776-790

<400> 68

Pro Pro Pro Gln Ile Phe His Gly Leu Asp Thr Leu Thr Val Met

1 5 10 15

<210> 69

<211> 15

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
781-795

<400> 69

Phe His Gly Leu Asp Thr Leu Thr Val Met Gly Ile Ala Phe Ala

1 5 10 15

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
786-800

<400> 70

Thr Leu Thr Val Met Gly Ile Ala Phe Ala Ala Phe Val Ile Gly

1 5 10 15

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
797-809

<400> 71

Leu Leu Thr Gly Ala Leu Trp Tyr Ile Tyr Ser His

1 5 10

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
45-59

<400> 72

Leu Met Glu Ser Phe Thr Val Leu Ser Gly Cys Ala Ser Arg Gly
1 5 10 15

<210> 73
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<220>
<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
50-64

<400> 73

Thr Val Leu Ser Gly Cys Ala Ser Arg Gly Thr Thr Gly Leu Pro
1 5 10 15

<210> 74
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<220>
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55-69

<400> 74

Cys Ala Ser Arg Gly Thr Thr Gly Leu Pro Arg Glu Val His Val
1 5 10 15

<210> 75
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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
60-74

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Thr Thr Gly Leu Pro Arg Glu Val His Val Leu Asn Leu Arg Ser
1 5 10 15

<210> 76

<211> 15

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
65-79

<400> 76

Arg Glu Val His Val Leu Asn Leu Arg Ser Thr Asp Gln Gly Pro
1 5 10 15

<210> 77

<211> 15

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
70-84

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Leu Asn Leu Arg Ser Thr Asp Gln Gly Pro Gly Gln Arg Gln Arg
1 5 10 15

<210> 78

<211> 15

<212> PRT

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
75-89

<400> 78

Thr Asp Gln Gly Pro Gly Gln Arg Gln Arg Glu Val Thr Leu His
1 5 10 15

<210> 79

<211> 15

<212> PRT

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
80-94

<400> 79

Gly Gln Arg Gln Arg Glu Val Thr Leu His Leu Asn Pro Ile Ala
1 5 10 15

<210> 80

<211> 15

<212> PRT

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
85-99

<400> 80

Glu Val Thr Leu His Leu Asn Pro Ile Ala Ser Val His Thr His
1 5 10 15

<210> 81

<211> 15

<212> PRT

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
90-104

<400> 81

Leu Asn Pro Ile Ala Ser Val His Thr His His Lys Pro Ile Val
1 5 10 15

<210> 82

<211> 15

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
95-109

<400> 82

Ser Val His Thr His His Lys Pro Ile Val Phe Leu Leu Asn Ser
1 5 10 15

<210> 83

<211> 15

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
100-114

<400> 83

His Lys Pro Ile Val Phe Leu Leu Asn Ser Pro Gln Pro Leu Val
1 5 10 15

<210> 84

<211> 15

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
105-119

<400> 84

Phe Leu Leu Asn Ser Pro Gln Pro Leu Val Trp His Leu Lys Thr

1 5 10 15

<210> 85

<211> 15

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
110-124

<400> 85

Pro Gln Pro Leu Val Trp His Leu Lys Thr Glu Arg Leu Ala Ala
1 5 10 15

<210> 86

<211> 15

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<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
115-129

<400> 86

Trp His Leu Lys Thr Glu Arg Leu Ala Ala Gly Val Pro Arg Leu
1 5 10 15

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
120-134

<400> 87

Arg Leu Ala Ala Gly Val Pro Arg Leu Phe Leu Val Ser Glu Gly
1 5 10 15

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
125-139

<400> 88

Gly Val Pro Arg Leu Phe Leu Val Ser Glu Gly Ser Val Val Gln
1 5 10 15

<210> 89
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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
130-144

<400> 89

Phe Leu Val Ser Glu Gly Ser Val Val Gln Phe Pro Ser Gly Asn
1 5 10 15

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
135-149

<400> 90

Gly Ser Val Val Gln Phe Pro Ser Gly Asn Phe Ser Leu Thr Ala
1 5 10 15

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
140-154

<400> 91

Phe Pro Ser Gly Asn Phe Ser Leu Thr Ala Glu Thr Glu Glu Arg
1 5 10 15

<210> 92

<211> 15

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<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
145-159

<400> 92

Phe Ser Leu Thr Ala Glu Thr Glu Glu Arg Asn Phe Pro Gln Glu
1 5 10 15

<210> 93

<211> 15

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<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
150-164

<400> 93

Glu Thr Glu Glu Arg Asn Phe Pro Gln Glu Asn Glu His Leu Val
1 5 10 15

<210> 94

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
155-169

<400> 94

Asn Phe Pro Gln Glu Asn Glu His Leu Val Arg Trp Ala Gln Lys
1 5 10 15

<210> 95

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
160-174

<400> 95

Asn Glu His Leu Val Arg Trp Ala Gln Lys Glu Tyr Gly Ala Val
1 5 10 15

<210> 96

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
165-179

<400> 96

Arg Trp Ala Gln Lys Glu Tyr Gly Ala Val Thr Ser Phe Thr Glu
1 5 10 15

<210> 97

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
170-184

<400> 97

Glu Tyr Gly Ala Val Thr Ser Phe Thr Glu Leu Lys Ile Ala Arg
1 5 10 15

<210> 98

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
175-189

<400> 98

Thr Ser Phe Thr Glu Leu Lys Ile Ala Arg Asn Ile Tyr Ile Lys
1 5 10 15

<210> 99

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
180-194

<400> 99

Leu Lys Ile Ala Arg Asn Ile Tyr Ile Lys Val Gly Glu Asp Gln
1 5 10 15

<210> 100

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
185-199

<400> 100

Asn Ile Tyr Ile Lys Val Gly Glu Asp Gln Val Phe Pro Pro Thr

1 5 10 15

<210> 101

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
190-201

<400> 101

Val Gly Glu Asp Gln Val Phe Pro Pro Thr Cys Asn Ile Gly Lys

1 5 10 15

<210> 102

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
195-209

<400> 102

Val Phe Pro Pro Thr Cys Asn Ile Gly Lys Asn Phe Leu Ser Leu

1 5 10 15

<210> 103

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
200-214

<400> 103

Cys Asn Ile Gly Lys Asn Phe Leu Ser Leu Asn Tyr Leu Ala Glu

1 5 10 15

<210> 104
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
205-219

<400> 104

Asn Phe Leu Ser Leu Asn Tyr Leu Ala Glu Tyr Leu Gln Pro Lys
1 5 10 15

<210> 105
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
210-224

<400> 105

Asn Tyr Leu Ala Glu Tyr Leu Gln Pro Lys Ala Ala Glu Gly Cys
1 5 10 15

<210> 106
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
215-229

<400> 106

Tyr Leu Gln Pro Lys Ala Ala Glu Gly Cys Val Leu Pro Ser Gln
1 5 10 15

<210> 107
<211> 15
<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
220-234

<400> 107

Ala Ala Glu Gly Cys Val Leu Pro Ser Gln Pro His Glu Lys Glu
1 5 10 15

<210> 108

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
225-239

<400> 108

Val Leu Pro Ser Gln Pro His Glu Lys Glu Val His Ile Ile Glu
1 5 10 15

<210> 109

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
230-244

<400> 109

Pro His Glu Lys Glu Val His Ile Ile Glu Leu Ile Thr Pro Ser
1 5 10 15

<210> 110

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
235-249

<400> 110

Val His Ile Ile Glu Leu Ile Thr Pro Ser Ser Asn Pro Tyr Ser
1 5 10 15

<210> 111

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
240-254

<400> 111

Leu Ile Thr Pro Ser Ser Asn Pro Tyr Ser Ala Phe Gln Val Asp
1 5 10 15

<210> 112

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
250-264

<400> 112

Ala Phe Gln Val Asp Ile Ile Val Asp Ile Arg Pro Ala Gln Glu
1 5 10 15

<210> 113

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
255-269

<400> 113

Ile Ile Val Asp Ile Arg Pro Ala Gln Glu Asp Pro Glu Val Val
1 5 10 15

<210> 114

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
260-274

<400> 114

Arg Pro Ala Gln Glu Asp Pro Glu Val Val Lys Asn Leu Val Leu
1 5 10 15

<210> 115

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
265-279

<400> 115

Asp Pro Glu Val Val Lys Asn Leu Val Leu Ile Leu Lys Cys Lys
1 5 10 15

<210> 116

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
270-284

<400> 116

Lys Asn Leu Val Leu Ile Leu Lys Cys Lys Lys Ser Val Asn Trp

1 5 10 15

<210> 117

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
275-289

<400> 117

Ile Leu Lys Cys Lys Lys Ser Val Asn Trp Val Ile Lys Ser Phe

1 5 10 15

<210> 118

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
280-294

<400> 118

Lys Ser Val Asn Trp Val Ile Lys Ser Phe Asp Val Lys Gly Asn

1 5 10 15

<210> 119

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
285-299

<400> 119

Val Ile Lys Ser Phe Asp Val Lys Gly Asn Leu Lys Val Ile Ala

1 5 10 15

<210> 120
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
290-304

<400> 120

Asp Val Lys Gly Asn Leu Lys Val Ile Ala Pro Asn Ser Ile Gly
1 5 10 15

<210> 121
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
295-309

<400> 121

Leu Lys Val Ile Ala Pro Asn Ser Ile Gly Phe Gly Lys Glu Ser
1 5 10 15

<210> 122
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
300-314

<400> 122

Pro Asn Ser Ile Gly Phe Gly Lys Glu Ser Glu Arg Ser Met Thr
1 5 10 15

<210> 123
<211> 15
<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
305-319

<400> 123

Phe Gly Lys Glu Ser Glu Arg Ser Met Thr Met Thr Lys Leu Val
1 5 10 15

<210> 124

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
310-324

<400> 124

Glu Arg Ser Met Thr Met Thr Lys Leu Val Arg Asp Asp Ile Pro
1 5 10 15

<210> 125

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
325-329

<400> 125

Met Thr Lys Leu Val Arg Asp Asp Ile Pro Ser Thr Gln Glu Asn
1 5 10 15

<210> 126

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
320-334

<400> 126

Arg Asp Asp Ile Pro Ser Thr Gln Glu Asn Leu Met Lys Trp Ala
1 5 10 15

<210> 127

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
325-339

<400> 127

Ser Thr Gln Glu Asn Leu Met Lys Trp Ala Leu Asp Asn Gly Tyr
1 5 10 15

<210> 128

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
330-344

<400> 128

Leu Met Lys Trp Ala Leu Asp Asn Gly Tyr Arg Pro Val Thr Ser
1 5 10 15

<210> 129

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
335-349

<400> 129

Leu Asp Asn Gly Tyr Arg Pro Val Thr Ser Tyr Thr Met Ala Pro
1 5 10 15

<210> 130

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
340-354

<400> 130

Arg Pro Val Thr Ser Tyr Thr Met Ala Pro Val Ala Asn Arg Phe
1 5 10 15

<210> 131

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
345-359

<400> 131

Tyr Thr Met Ala Pro Val Ala Asn Arg Phe His Leu Arg Leu Glu
1 5 10 15

<210> 132

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
350-364

<400> 132

Val Ala Asn Arg Phe His Leu Arg Leu Glu Asn Asn Glu Glu Met

1 5 10 15

<210> 133

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
355-369

<400> 133

His Leu Arg Leu Glu Asn Asn Glu Glu Met Arg Asp Glu Glu Val

1 5 10 15

<210> 134

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
360-374

<400> 134

Asn Asn Glu Glu Met Arg Asp Glu Glu Val His Thr Ile Pro Pro

1 5 10 15

<210> 135

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
365-369

<400> 135

Arg Asp Glu Glu Val His Thr Ile Pro Pro Glu Leu Arg Ile Leu

1 5 10 15

<210> 136
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
370-384

<400> 136

His Thr Ile Pro Pro Glu Leu Arg Ile Leu Leu Asp Pro Asp His
1 5 10 15

<210> 137
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
375-389

<400> 137

Glu Leu Arg Ile Leu Leu Asp Pro Asp His Pro Pro Ala Leu Asp
1 5 10 15

<210> 138
<211> 15
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
380-394

<400> 138

Leu Asp Pro Asp His Pro Pro Ala Leu Asp Asn Pro Leu Phe Pro
1 5 10 15

<210> 139
<211> 15
<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
385-399

<400> 139

Pro Pro Ala Leu Asp Asn Pro Leu Phe Pro Gly Glu Gly Ser Pro
1 5 10 15

<210> 140

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
390-404

<400> 140

Asn Pro Leu Phe Pro Gly Glu Gly Ser Pro Asn Gly Gly Leu Pro
1 5 10 15

<210> 141

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
395-409

<400> 141

Gly Glu Gly Ser Pro Asn Gly Gly Leu Pro Phe Pro Phe Pro Asp
1 5 10 15

<210> 142

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
400-414

<400> 142

Asn Gly Gly Leu Pro Phe Pro Phe Pro Asp Ile Pro Arg Arg Gly
1 5 10 15

<210> 143

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type III receptor, position
405-419

<400> 143

Phe Pro Phe Pro Asp Ile Pro Arg Arg Gly Trp Lys Glu Gly Glu
1 5 10 15

<210> 144

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Modified synthetic peptide from rat TGB beta 1 type III receptor,
position 731-742

<400> 144

Thr Ser Leu Asp Ala Thr Met Ile Trp Asp Asp Asp
1 5 10

<210> 145

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Modified synthetic peptide from rat TGB beta 1 type III receptor,
position 731-742

<400> 145

Asp Asp Asp Ala Thr Met Ile Trp Thr Met Met
1 5 10

<210> 146

<211> 7

<212> PRT

<213> Artificial sequence

<220>

<223> Modified synthetic peptide from rat TGB beta 1 type III receptor,
position 734-740

<400> 146

Asp Ala Thr Met Ile Trp Asp
1 5

<210> 147

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Modified synthetic peptide from rat TGB beta 1 type III receptor,
position 731-739

<400> 147

Thr Ser Leu Asp Ala Thr Thr Met Met
1 5

<210> 148

<211> 18

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat TGB beta 1 type II receptor, position
84-101

<400> 148

Cys Val Ala Val Trp Arg Lys Asn Asp Glu Asn Ile Thr Leu Glu Thr

1 5 10 15

Val Cys

<210> 149

<211> 19

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human fetuin, position 114-132

<400> 149

Cys Asp Phe Gln Leu Leu Lys Leu Asp Gly Lys Phe Ser Val Val Tyr

1 5 10 15

Ala Lys Cys

<210> 150

<211> 19

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from rat fetuin, position 114-132

<400> 150

Cys Asp Phe His Ile Leu Lys Gln Asp Gly Gln Phe Arg Val Cys His

1 5 10 15

Ala Gln Cys

<210> 151

<211> 19

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from sheep fetuin, position 114-132

<400> 151

Cys Asp Ile His Val Leu Lys Gln Asp Gly Phe Ser Val Leu Phe Thr
1 5 10 15

Lys Cys Asp

<210> 152

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from pig endoglin, position 289-303

<400> 152

Val Asn Leu Pro Asp Thr Arg Gln Gly Leu Leu Glu Glu Ala Arg
1 5 10 15

<210> 153

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from pig endoglin, position 481-495

<400> 153

Pro Ser Ile Pro Glu Leu Met Thr Gln Leu Asp Ser Cys Gln Leu
1 5 10 15

<210> 154

<211> 15

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from pig endoglin, position 479-493

<400> 154

Met Ser Pro Ser Ile Pro Glu Leu Met Thr Gln Leu Asp Ser Cys
1 5 10 15

<210> 155

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 13-24

<400> 155

Leu Leu Leu Leu Val Leu Leu Pro Thr Asp Ala Ser
1 5 10

<210> 156

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 20-31

<400> 156

Pro Thr Asp Ala Ser Val Ser Gly Lys Pro Gln Tyr
1 5 10

<210> 157

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 44-55

<400> 157

Thr Glu Lys Gly Cys Val Leu Leu Ser Tyr Leu Asn

1 5 10

<210> 158

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 166-177

<400> 158

Tyr Ile Gln Asp Pro Lys Gly Asn Arg Ile Ala Gln

1 5 10

<210> 159

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 192-203

<400> 159

Phe Pro Leu Ser Ser Glu Pro Phe Gln Gly Ser Tyr

1 5 10

<210> 160

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 247-258

<400> 160

Asn Val Ser Val Cys Gly Leu Tyr Thr Tyr Gly Lys

1 5 10

<210> 161
<211> 12
<212> PRT
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<220>
<223> Synthetic peptide from human alpha 2 microglobulin, position 248-259

<400> 161

Val Ser Val Cys Gly Leu Tyr Thr Tyr Gly Lys Pro
1 5 10

<210> 162
<211> 12
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from human alpha 2 microglobulin, position 250-261

<400> 162

Val Cys Gly Leu Tyr Thr Tyr Gly Lys Pro Val Pro
1 5 10

<210> 163
<211> 12
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from human alpha 2 microglobulin, position 267-278

<400> 163

Ser Ile Cys Arg Lys Tyr Ser Asp Ala Ser Asp Cys
1 5 10

<210> 164
<211> 12
<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 469-480

<400> 164

Pro Cys Gly His Thr Gln Thr Val Gln Ala His Tyr
1 5 10

<210> 165

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 554-565

<400> 165

Asp Ser Ala Lys Tyr Asp Val Glu Asn Cys Leu Ala
1 5 10

<210> 166

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 790-801

<400> 166

Gln Pro Phe Phe Val Glu Leu Thr Met Pro Tyr Ser
1 5 10

<210> 167

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 827-838

<400> 167

Gln Leu Glu Ala Ser Pro Ala Phe Leu Ala Val Pro
1 5 10

<210> 168

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 825-836

<400> 168

Ser Val Gln Leu Glu Ala Ser Pro Ala Phe Leu Ala
1 5 10

<210> 169

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 876-887

<400> 169

Ala Leu Glu Ser Gln Glu Leu Cys Gly Thr Glu Val
1 5 10

<210> 170

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 1001-1012

<400> 170

Lys Ser Lys Ile Gly Tyr Leu Asn Thr Gly Tyr
1 5 10

<210> 171

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 1005
-1016

<400> 171

Ile Gly Tyr Leu Asn Thr Gly Tyr Gln Arg Gln Leu
1 5 10

<210> 172

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 1162
-1173

<400> 172

Lys Arg Lys Glu Val Leu Lys Ser Leu Asn Glu Glu
1 5 10

<210> 173

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 1193
-1204

<400> 173

Val Gly His Phe Tyr Glu Pro Gln Ala Pro Ser Ala

1 5 10

<210> 174

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 1209
-1220

<400> 174

Thr Ser Tyr Val Leu Leu Ala Tyr Leu Thr Gln Ala

1 5 10

<210> 175

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 1211
-1222

<400> 175

Tyr Val Leu Leu Ala Tyr Leu Thr Ala Gln Pro Ala

1 5 10

<210> 176

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide from human alpha 2 microglobulin, position 1256
-1267

<400> 176

Val Ala Leu His Ala Leu Ser Lys Tyr Gly Ala Ala

1 5 10

<210> 177
<211> 12
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from human alpha 2 microglobulin, position 1232
-1243

<400> 177

Tyr Gly Arg Asn Gln Gly Asn Thr Trp Leu Thr Ala
1 5 10

<210> 178
<211> 12
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide from human alpha 2 microglobulin, position 1234
-1245

<400> 178

Arg Asn Gln Gly Asn Thr Trp Leu Thr Ala Phe Val
1 5 10